Recombinant Human ERCC8 Protein, His&GST-tagged

Cat. No. ERCC8-1436H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ERCC8 Protein (Met1-Gly396) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Gly396
Description	This gene encodes a WD repeat protein, which interacts with Cockayne syndrome type B (CSB) protein and with p44 protein, a subunit of the RNA polymerase II transcription factor IIH. Mutations in this gene have been identified in patients with hereditary disease Cockayne syndrome (CS). CS cells are abnormally sensitive to ultraviolet radiation and are defective in the repair of transcriptionally active genes. Several transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 74.1 kDa Accurate Molecular Mass: 74 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	ERCC8 excision repair cross-complementing rodent repair deficiency, complementation group 8 [Homo sapiens (human)]
Official Symbol	ERCC8
Synonyms	ERCC8; excision repair cross-complementing rodent repair deficiency, complementation group 8; CKN1, Cockayne syndrome 1 (classical); DNA excision repair protein ERCC-8; CSA; Cockayne syndrome WD-repeat protein CSA; cockayne syndrome WD repeat protein CSA; CKN1;
Gene ID	1161
mRNA Refseq	NM_000082
Protein Refseq	NP_000073
MIM	609412

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UniProt ID	Q13216

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